

CLAIMS

1. An AV data conversion apparatus comprising:

a verification file confirmation means for reading an AV data file containing AV data including video information and audio information, and a verification file
5 for the AV data file, and confirming if the AV data file and verification file mutually correspond;

a plurality of stream conversion means for changing the AV data to a specific format; and

a conversion method determining means for selecting from among the
10 plural stream conversion means at least one stream conversion means for changing the AV data to the specific format based on verification file content.

2. An AV data conversion apparatus according to claim 1, wherein the verification file contains AV data attributes from when the AV data file was created;

15 wherein the verification file confirmation means comprises:

an AV data attribute extraction means for extracting AV data attributes from the read AV data file; and

a comparison means for comparing the AV data attributes extracted by the AV data attribute extraction means with the AV data attributes contained in
20 the verification file; and

wherein the stream conversion means converts the AV data to the specified format only when the comparison means confirms an attribute match.

3. An AV data conversion apparatus according to claim 1 or 2, wherein the verification file contains VenderID information for uniquely identifying a device or
25 software that created the AV data file; and

the stream conversion means determines at least one stream conversion means based on VenderID information.

4. An AV data conversion apparatus according to claim 2, wherein the verification file confirmation means further comprises a verification file creation means for creating a verification file containing AV data attributes acquired by the AV data attribute extraction means and specific VenderID information corresponding to the AV data attributes when a verification file corresponding to the AV data file cannot be read.

5. An AV data conversion method comprising:

a first step of reading an AV data file containing AV data including video information and audio information, and a verification file for the AV data file;

a second step of selecting at least one stream conversion method from among plural stream conversion methods for changing the AV data to the specific format based on verification file content; and

a third step of converting the AV data to a specific format by means of the at least one selected stream conversion method.

6. An AV data conversion method according to claim 5, further comprising, after the first step and before the second step, a fourth step of confirming if the AV data file and verification file mutually correspond.

7. An AV data conversion method according to claim 6, wherein the verification file contains AV data attributes from when the AV data file was created;

wherein the fourth step further comprises:

a fifth step for extracting AV data attributes from the read AV data file, and

a sixth step for comparing the AV data attributes extracted with the AV data attributes contained in the verification file; and

wherein the third step converts the AV data to the specified format only when a comparison result from the sixth step confirms an attribute match.

- 5 8. An AV data conversion method according to any one of claims 5 to 7, wherein the verification file contains VenderID information for uniquely identifying a device or software that created the AV data file; and

the second step selects the conversion method based on VenderID information.

- 10 9. An AV data conversion method comprising:

a first step of reading an AV data file containing AV data including video information and audio information;

a second step of extracting AV data attributes from the read AV data file;

- 15 a third step of creating a verification file corresponding to the extracted AV data attributes;

a fourth step of selecting at least one stream conversion method from among plural stream conversion methods for changing the AV data to the specific format based on verification file content; and

- 20 a fifth step of converting the AV data to the specific format by applying the at least one selected stream conversion method.

10. An AV data conversion method according to claim 9, wherein the verification file contains specific VenderID information corresponding to the extracted AV data attributes; and

- 25 the fourth step selects the conversion method based on the VenderID information.

11. A computer-readable recording medium storing a program for executing on a computer the steps of an AV data conversion method comprising a first step of reading an AV data file containing AV data including video information and audio information, and a verification file for the AV data file;

5 a second step of selecting at least one stream conversion method from among plural stream conversion methods for changing the AV data to the specific format based on verification file content; and

 a third step of converting the AV data to a specific format by means of the at least one selected stream conversion method.

10 12. An AV data conversion program for executing on a computer the steps of an AV data conversion method comprising:

 a first step of reading an AV data file containing AV data including video information and audio information, and a verification file for the AV data file;

 a second step of selecting at least one stream conversion method from
15 among plural stream conversion methods for changing the AV data to the specific format based on verification file content; and

 a third step of converting the AV data to a specific format by means of the at least one selected stream conversion method.